

ANNUAL SIXTH FORM LECTURE

Adventures in shape and space – and time!

Tom Roper

Wednesday 13th March 2019 at 2.00pm

**The Manchester Grammar School, Old Hall Lane,
Manchester, M14 6HL**

Tom became interested in mathematics at school because of a fascination with geometry; but geometry, as in shape and space, means so much more, especially in other subjects. We will begin our adventures with the theorem that small mammals are covered in fur, eat a lot or both, and continue further into biology and other subjects to illustrate that mathematics should not be seen as a subject in isolation but one that reaches out to many other subjects in the curriculum as well as our daily lives.

“You can drop a mouse down a thousand yard mine shaft; and, on arriving at the bottom it gets a slight shock and walks away, provided the ground is fairly soft. A rat is killed, a man is broken, a horse splashes.”

J.B.S. Haldane, on being the right size.



Tom Roper taught mathematics in schools and colleges for 17 years, before joining the staff of the School of Education at the University of Leeds. He was the President of the Mathematical Association in 2017. Tom is now retired.

No charge is made to attend meetings. Non-IMA members are welcome.

For further information, please contact David Naughton (D.V.Naughton@mgs.org / 0161 224 7201)
or Margaret Eastwood (margareteastwoodimanw@gmail.com)